GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA

UNSTARRED QUESTION NO:2743
ANSWERED ON:19.03.2007
HYBRID FOOD CROP
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Will the Minister of AGRICULTURE be pleased to state:

(a) whether the Indian Council of Agricultural Research (ICAR) has developed various hybrid food crop varieties;

(b) if so, the details thereof, crop-wise;

(c) the details of production-protection technologies of the above crops;

(d) the extent to which above crops are likely to help increase the agricultural production in various States particularly in Andhra Pradesh; and

(e) the time by which the above hybrids are likely to be made available to farmers?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI KANTILAL BHURIA)

(a), (b) & (c): Indian Council of Agricultural Research has developed a number of hybrids in different food crops. In rice, hybrids such as KRH2, PA6201, 6444 and Suruchi 5401 have been popular. Similarly in other food crops popular hybrids have been developed such as DHM 103, DHM 105,Paras, Buland, Trishulata in maize; CSH 16, CSH 18 in Sorghum and GHB 558, Nandi 35, MLBH 504, PAC 903 in Pearl millet. Seed production technology of released hybrids has been developed. The integrated crop production and protection technologies have also been developed. System for Rice Intensification (SRI) method of cultivation has been found effective in enhancing the production and productivity of rice in various parts of the country including Andhra Pradesh.

(d) The adoption of these hybrids and their production-protection technologies have helped in enhancing the productivity of food grains in Andhra Pradesh where the food grain productivity has increased from 709 kg per hectare during 1965-66 to 2012kg per hectare during 2003-04.

(e) Indian Council of Agricultural Research is mandated to produce the breeders seed of the parental lines of hybrids and as such all the indents of breeders seed received from Department of Agriculture and Cooperation have been met.